

Notice of Allowability

Application No.

09/624,072

Examiner

Ian N. Moore

Applicant(s)

HIRATA ET AL.

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/31/2005.
2. ☒ The allowed claim(s) is/are 1-7,10-12 which have been renumbered as 1-10.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

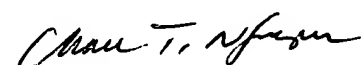
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 8/31/05.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


CHAU NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carl I. Brundidge on August 31, 2005.

The application has been amended as follows:

- In the **abstract**, line 1, "**comprising**" has been replaced with -- **containing** --
- **Claim 4**, line 31, "**a new logical connection**" has been replaced with -- **the new logical connection** --
- **Claim 5**, line 3, "**a home agent**" has been replaced with -- **the home agent** --
- **Claims 8 and 9** are canceled.
- Claim 11 is rewritten into an independent form by incorporating all limitations from claims 8-9 and the some new limitations from claim 1 as follows:

1. **Claim 11**, lines 1, "**a base station controller according to claim 9**" has been replaced with "**A base station controller for a radio access network for transmitting and receiving an IP packet to and from a packet node which is connected to an IP network and has a foreign agent function for transferring IP packets from a home agent node to mobile stations, comprising:**

a first communication interface for connection to a radio base station, a second communication interface for communication with a plurality of packet nodes connected to the IP network, and a control unit connected to the first and second communication interfaces,

wherein the control unit selectively establishes a logical connection to be used for an IP packet communication of a mobile station moved into a control area of the base station controller to established a new logical connection to be used for IP packet communication between the base station and the packet node or to transfer IP packets for the mobile station to the base station controller using a previous identifier of a logical connection having been used when the mobile station was connected to another radio access network, via the second interface;

wherein said control unit has means for selecting, when the mobile station has moved into the control area of the base station controller from said another radio access network, a first packet node which is communicating with the mobile station in a another radio access network, to request the first packet node to transfer IP packets for the mobile station to the base station controller using said previous identifier of the logical connection having been used in the another radio access network; ”

2. Claim 11, lines 6, “a new logical connection” has been replaced with “**another new logical connection**”
 3. Claim 11, line 10, a period “.” after “stopped” has been replaced with a semicolon “;”
 4. Claim 11, line 10, “**wherein establishing said another new logical connection after performing a registration procedure between the moved mobile station and said home agent node.**” has been inserted after “stopped;”
- Claim 10, line 1, “**according to claim 8**” has been replaced with -- **according to claim 11** - -
 - Claim 10, line 2, “**a base station controller**” has been replaced with -- **the base station controller** - -

Response to Arguments

2. Applicant’s arguments, see pages 13-21, filed 5/31/2005, with respect to amended claims 1-3 and 5-7,10,11 have been fully considered and are persuasive. The rejections of claims 1-3,5-7, and 10-11 have been withdrawn.

Allowable Subject Matter

3. Claims 1-7 and 10-12 are allowed.
4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ian N. Moore whose telephone number is 571-272-3085. The examiner can normally be reached on 9:00 AM- 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on 571-272-3126. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

INM

8/31/05


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